

CO.12-1



Coors Ceramics Company
600 Ninth Street
Golden, Colorado 80401

CO.12

February 1, 1995

Mr. James W. Wagoner II, Director
Off-Site/Savannah River Program Division
Office of Eastern Area Programs
Office of Environmental Restoration
Department of Energy
Washington, D.C. 20585

Dear Mr. Wagoner:

In discussions with Mr. Marvin Kay, Mayor of the City of Golden, it is appropriate that I respond to your letter to him of January 24, 1995.

Thank you for the information sent with your letter. It appears it is supportive of our actions to decontaminate and demolish the building (Building 16) used for the handling of uranium under the contract with the Atomic Energy Commission (AEC) during the 1960's.

I understand that no further action is to be taken by DOE under the Formerly Utilized Sites Remedial Action Program (FUSRAP) at the Coors Porcelain site. I understand that other agencies, namely the Nuclear Regulatory Commission (NRC), may be interested in this site.

Enclosed for your reference, please find a copy of a radiological survey completed pursuant to an inquiry by the Nuclear Regulatory Commission in May, 1994. No radiation was found above background levels. A copy of the same radiological survey was given to the NRC representative at the time of the inspection. The NRC on May 20, 1994, performed their own survey and found the same results.

In addition, I am including a report from Morrison-Knudsen Engineers, Inc., contractors for the demolition of Building 16 from 1985.

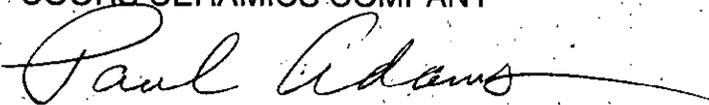
The City of Golden was aware of the action taken by Coors Porcelain (now Coors Ceramics Company) at all times during the razing of Building 16. The site is a paved parking lot for our employees and there are no plans for construction increasing our facility in that area. The previous site will remain a parking lot.

Mr. James W. Wagoner II
February 1, 1995
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If you have any questions, or you or your staff wish to discuss this matter, please contact me at (303)277-4275. Thank you for your attention.

Very best regards,

COORS CERAMICS COMPANY

A handwritten signature in cursive script that reads "Paul Adams". The signature is written in black ink and has a long, sweeping horizontal line extending to the right from the end of the name.

Paul Adams, Administrator
Environmental Health and Safety

PA:lr

Enclosure

cc: James Wade, President and CEO, Coors Ceramics Company w/o enc.
Marvin Kay, Mayor, City of Golden, w/enc.
Thomas E. Root, Esq., Bradley, Campbell, Carney & Madsen, w/o enc.



Coors Ceramics Company
 600 Ninth Street
 Golden, Colorado 80401

CO-12

Post-It™ brand fax transmittal memo 7571 # of pages 1

To: <i>John Root</i>	From: <i>Paul Adams</i>
Co:	Co:
Dept:	Phone #
Fax # <i>278-3018</i>	Fax #

May 20, 1994

Mr. Robert Evans
 Nuclear Regulatory Commission
 Arlington, Virginia

HAND DELIVERED

Re: Building 16 Inspection - Closure of NRC File - Inspection of Site

Dear Mr. Evans:

On Wednesday, May 18, 1994, I discussed with Mr. Peter Garcia of the local NRC office here in Denver, your visit to the Coors Ceramics Company site for inspection of the location of Building 16 which was razed in 1985.

In preparation for your visit I indicated to Mr. Garcia that our attorneys would review their files for any correspondence relating to radiation testing at the time Building 16 was deactivated. Enclosed please find a copy of a letter dated August 19, 1985, to Mr. Dave Robertson, Manager Plant Engineering for Coors Porcelain Company from Mr. Robert B. Page, of Morrison-Knudsen Engineers, Inc. The letter states that M-K performed tests for the presence of radioactive materials in Building 16 and that all results were below Federal and State guidelines.

We also contracted with Lyntek, Inc. of Denver, Colorado to conduct a survey of the site of the now demolished Building 16 in preparation of your inspection. The survey was conducted by Mr. Don Polla of Lyntek on Wednesday, May 18, 1994. A copy of his report is attached for your review. As you can see, the report found no exceedences of background radiation level for beta and gamma emissions.

I look forward in working with you today and ask that you notify me by letter upon closure of your files on Building 16 is completed.

Sincerely,

Paul Adams

Paul Adams
 Administrator
 Environmental Health & Safety

Enclosures
 PA:lr

Hand delivered to Mr. Robert Evans,
 NRC. Acknowledged receipt by the
 undersigned:

RJ Ward

Date: 5/20/94



775 Mariposa Denver, Colorado 80204

(303) 623-8365 FAX (303) 623-0342

May 18, 1994

Mr. Paul Adams, Administrator
Environmental Health and Safety
Coors Ceramics Company
600 9th Street
Golden, Colorado 80401

Dear Paul,

On Wednesday May 18, 1994, Lyntek, Inc. conducted an on-site survey for beta and gamma radiation at the location of the now demolished Building 16 using a Geiger Counter. A report detailing the procedures followed and results obtained is enclosed with this letter.

Please note that the report indicates no readings in excess of background were observed.

Sincerely,

Don Polla
Lyntek, Inc.

Building 16 Survey

On Wednesday May 18, 1984, a Geiger Counter was used to survey for beta and gamma radiation in the area where Building 16 was located. The location is now a parking lot. Readings were taken by walking seven paths parallel with Ford Street between 7th Street and the railroad tracks. The first path was approximately 20 feet in from Ford Street and the other paths were spaced at roughly 35 foot intervals from the first. A map of the building location and the paths followed is included.

About every 20 feet along the path, the Geiger Counter was set on the ground and the reading on the meter observed. The Geiger Counter was also placed on all cracks in the pavement that were crossed.

The location of the production area of Building 16 was traversed several times during the survey. The readings consistently fluctuated between 0.02 and 0.04 milliroentgen per hour (MR/HR) with a maximum observed reading of 0.04 MR/HR. The expected background for the Golden, Colorado area is 0.02 to 0.04 MR/HR.

Results

Pass 1 - From 7th Street to the railroad tracks. Range 0.02 - 0.04 MR/HR.

Pass 2 - From the railroad tracks to 7th Street. Range 0.02 - 0.04 MR/HR.

Pass 3 - From 7th Street to the railroad tracks. Range 0.02 - 0.04 MR/HR.

Pass 4 - From the railroad tracks to 7th Street. Range 0.02 - 0.04 MR/HR.

Pass 5 - From 7th Street to the railroad tracks. Range 0.02 - 0.04 MR/HR.

Pass 6 - From the railroad tracks to 7th Street. Range 0.02 - 0.04 MR/HR.

Pass 7 - From 7th Street to the railroad tracks. Range 0.02 - 0.04 MR/HR.

Building 16 Survey

7th Street

Access Road

Location of Building 16

Path 7

Path 6

Path 5

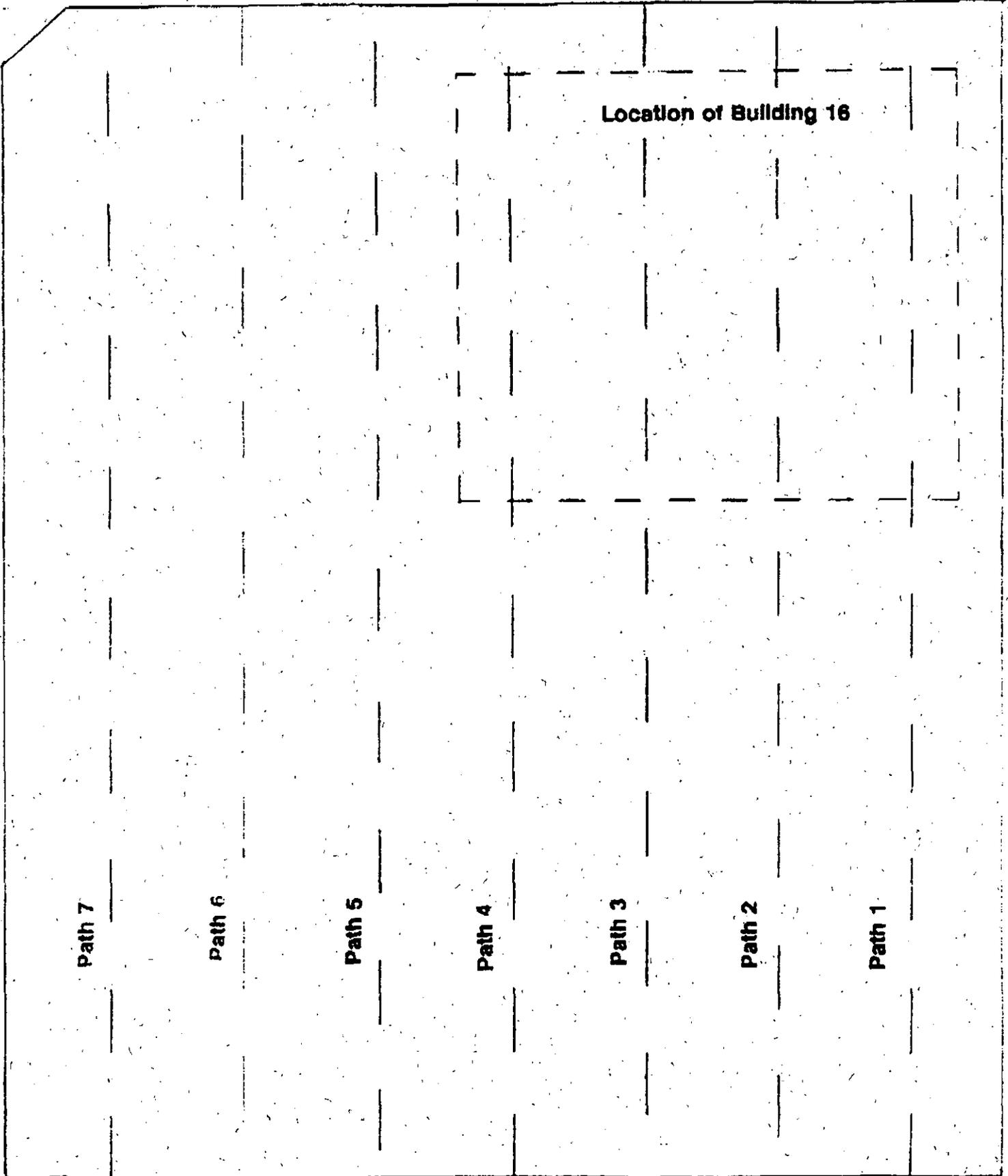
Path 4

Path 3

Path 2

Path 1

Railroad Tracks



Instrument Test

The instrument used to conduct the survey is a Precision Radiation Instruments, Inc. model 106C Geiger Counter, serial number 06EIC8514. Prior to starting the survey, the range on the Geiger Counter was set in the 0 to 2 MR/HR range. With the instrument on the ground, the reading on the meter was 0 MR/HR.

A thorium test disc was supplied with the Geiger Counter. With this test disc against the sensor on the Geiger Counter, the reading was 0.6 MR/HR.

With the range set in the 0 to 0.2 MR/HR range, the Geiger Counter was placed on the ground and the meter fluctuated between 0.02 and 0.04 MR/HR. After placing the thorium test disc next to the sensor, the reading was off the high end of the scale.

Following the survey of the site, the instrument was retested. In the 0 to 2 MR/HR range, with the Geiger Counter on the ground, the reading was zero, and with the thorium test disc placed against the sensor the reading was 0.6 MR/HR. In the 0 to 0.2 MR/HR range, with the Geiger Counter on the ground, the reading oscillated between 0.02 and 0.04 MR/HR, and with the thorium test disc on the sensor, the reading was off the high end of the scale.

CD.12



MIDWEST DISTRICT OFFICE
2425 SOUTH COLORADO BOULEVARD
DENVER, COLORADO U.S.A. 80222
PHONE: (303) 757-8586

CPC/MKE/018

August 19, 1985

Mr. Dave Robertson
Manager, Plant Engineering
Coors Porcelain Company
600 9th Street
Golden, Colorado 80401

Subject: COORS PORCELAIN COMPANY
Building 16 Deactivation - Contract No. 5038
Sampling for Radiation

Dear Dave:

Morrison-Knudsen Engineers, Inc. has performed routine tests for the presence of radioactive materials in Building 16. Sampling was done for alpha, beta and gamma radiation. All results are well below Federal and State guidelines for removable and non-removable radioactive materials in non-restricted areas.

If you have any questions, please do not hesitate to contact me.

Sincerely yours,

Robert B. Page
Project Manager

RBP:jc

cc: T. Gablehouse
K. Turnwall
J. Trammel
D. Perko
Project File